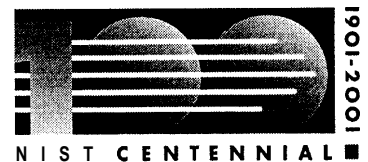


NISTIR 6774

Workshop On Fire Testing Measurement Needs: Proceedings

William Grosshandler
(Editor)



NIST

National Institute of Standards and Technology
Technology Administration, U.S. Department of Commerce

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August 2001



U.S. Department of Commerce
Donald Evans, Secretary

National Institute of Standards and Technology
Dr. Karen H. Brown, Acting Director


Underwriters Laboratories  **DELIVERING SOLUTIONS**

PRODUCT SAFETY CERTIFICATION

Presented by:


Gordon Gillerman
Manager - Governmental Services




Underwriters Laboratories  **DELIVERING SOLUTIONS**

UL's Public Safety Mission


- Develop Standards for Safety
- Conduct Safety Related Conformity Assessment Programs
- Enhance the Safety of Products for the People that use them through these Activities




Underwriters Laboratories  **DELIVERING SOLUTIONS**

UL Standards for Safety


- Contain Performance, Construction and Marking Requirements
- Developed via Consensus Process
- Over 80% are ANSI Standards
- Some Harmonized with IEC




Underwriters Laboratories  **DELIVERING SOLUTIONS**

Product Certification


- Product Investigation
- Surveillance




Underwriters Laboratories  **DELIVERING SOLUTIONS**

Product Investigation


- Construction and Marking Review
- Testing Conducted
- Results Compared to Requirements



Underwriters Laboratories  **DELIVERING SOLUTIONS**

Compliance Not Determined
Report of Non-Compliance(s)


- Identifies Requirements
- State of Product Submitted
- Test Results
- Information and/or Samples Needed for Resubmittal



Underwriters Laboratories **DELIVERING SOLUTIONS**

Compliance is Determined
Report for Surveillance Prepared

- Product Description
- Test Results
- Conclusion



Underwriters Laboratories **DELIVERING SOLUTIONS**

Authorization to Apply the UL
Mark

- Initial Production Inspection
- Authorization to Apply UL Mark at Identified Factory Location(s)
- Follow-up Service Agreements



Underwriters Laboratories **DELIVERING SOLUTIONS**

Follow-Up Services

- Frequent and Unannounced Product based Inspections
- Witnessing of Production Tests
- Countercheck Testing
- Market Sampling

